

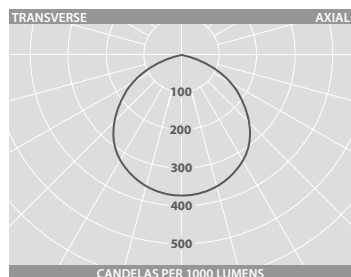
# COMBOSEAL PLUS

The ComboSeal Plus is available in 171W, 251W and 326W power ratings with broad or narrow distribution, Smart versions suitable for mounting up to 18m.

## ACCESSORIES

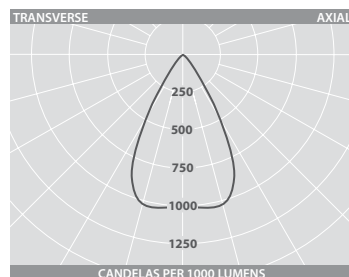
| DESCRIPTION           | CAT. No. |
|-----------------------|----------|
| Surface mount bracket | CS 18574 |

## PHOTOMETRIC GUIDE



### BROAD DISTRIBUTION

Luminaire Lumen Output:  
 171W = 25490 lm  
 251W = 35505 lm  
 326W = 43725 lm



### NARROW DISTRIBUTION

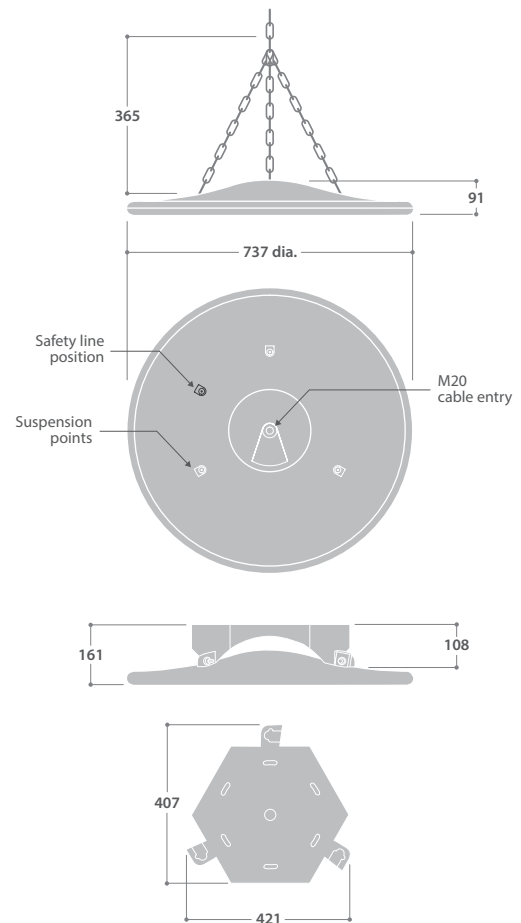
Luminaire Lumen Output:  
 171W = 25925 lm  
 251W = 36110 lm  
 326W = 44470 lm

## MAXIMUM AMBIENT OPERATING TEMPERATURES

| LED  | NORMAL AMBIENT VERSIONS (INCLUDING SMART) |                  | HIGH AMBIENT VERSIONS (INCLUDING SMART) |                  |
|------|---|------------------|---|------------------|
|      | 100,000 HOUR LIFE                         | 50,000 HOUR LIFE | 100,000 HOUR LIFE                       | 50,000 HOUR LIFE |
| 171W | 40°C                                      | 50°C             | 55°C                                    | 65°C             |
| 251W | 30°C                                      | 40°C             | 45°C                                    | 55°C             |
| 326W | 25°C                                      | 35°C             | 40°C                                    | 50°C             |

Minimum operating ambient temperature - Standard & Smart versions: -40°C

## DIMENSIONS





# COMBOSEAL PLUS



## HIGH PERFORMANCE LED HIGH BAY LUMINAIRES

IP66 IP65 SMART VERSION CE LED



### SPECIFICATION

- Strong high pressure die-cast aluminium body finished full polyester powder coat silver (RAL9006)
- Clear flat toughened/safety glass cover
- Long life silicone gaskets ensuring IP66 rating
- Smooth wipe clean surfaces, no dust traps
- Integral high efficiency drivers
- Extremely efficient and long system life up to 100,000 hours
- Supplied with single-point, stainless steel welded link chain suspension kit
- Smart versions suitable for use at mounting heights up to 18m
- Wireless SmartScan versions remove the need for control cabling. Ideal for retro-fit solutions
- Fitted with 2m flying lead
- Fitted with 4000K LEDs

SmartScan Configurations



Find out more at [www.thorlux.ae/smartsan](http://www.thorlux.ae/smartsan)

## RANGE

|          | LED                            | BROAD DISTRIBUTION | NARROW DISTRIBUTION | APPROX. kg | CIRCUIT |
|----------|--------------------------------|--------------------|---------------------|------------|---------|
| SMART    | <b>Normal Ambient Versions</b> |                    |                     |            |         |
|          | 171W                           | <b>CS 18550</b>    | <b>CS 18556</b>     | 16.2       | D/SS    |
|          | 251W                           | <b>CS 18551</b>    | <b>CS 18557</b>     | 16.2       | D/SS    |
|          | 326W                           | <b>CS 18552</b>    | <b>CS 18558</b>     | 16.2       | D/SS    |
|          | <b>High Ambient Versions</b>   |                    |                     |            |         |
|          | 171W                           | <b>CS 18553</b>    | <b>CS 18559</b>     | 17.2       | D/SS    |
| 251W     | <b>CS 18554</b>                | <b>CS 18560</b>    | 17.2                | D/SS       |         |
| 326W     | <b>CS 18555</b>                | <b>CS 18561</b>    | 17.2                | D/SS       |         |
| STANDARD | <b>Normal Ambient Versions</b> |                    |                     |            |         |
|          | 171W                           | <b>CS 18562</b>    | <b>CS 18568</b>     | 16.0       | L/A     |
|          | 251W                           | <b>CS 18563</b>    | <b>CS 18569</b>     | 16.0       | L/A     |
|          | 326W                           | <b>CS 18564</b>    | <b>CS 18570</b>     | 16.0       | L/A     |
|          | <b>High Ambient Versions</b>   |                    |                     |            |         |
|          | 171W                           | <b>CS 18565</b>    | <b>CS 18571</b>     | 17.0       | L/A     |
| 251W     | <b>CS 18566</b>                | <b>CS 18572</b>    | 17.0                | L/A        |         |
| 326W     | <b>CS 18567</b>                | <b>CS 18573</b>    | 17.0                | L/A        |         |

CIRCUIT TYPE - suffix catalogue number with:

**SMART** D - Smart / SS - SmartScan

**STANDARD** L - non-dimming (LED) / A - dimming (DALI) e.g. **CS 18550SS** etc.

NOTE: Acrylic cover version available to special order

## LED CHARACTERISTICS

|                    |                       |
|--------------------|-----------------------|
| CRI                | <b>80+</b>            |
| COLOUR TEMPERATURE | <b>4000K</b>          |
| RATED LIFE (HOURS) | <b>100K - L70/B10</b> |
| PROTECTION         | <b>LUX GUARD</b>      |
| DRIVER EFFICIENCY  | <b>&gt;90%</b>        |
| REPLACEABLE        | <b>YES</b>            |
| POWER FACTOR       | <b>&gt;0.90</b>       |

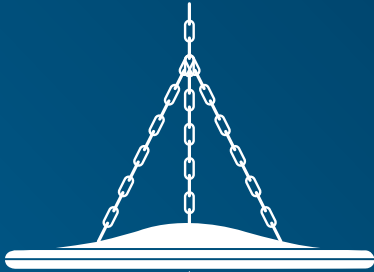
**LL/CW 136.4**

For LED characteristics explanation see [www.thorlux.ae/led-guide](http://www.thorlux.ae/led-guide)

Presence Detection Guide - [www.thorlux.ae/files/presence-detection.pdf](http://www.thorlux.ae/files/presence-detection.pdf)

# COMBOSEAL PLUS

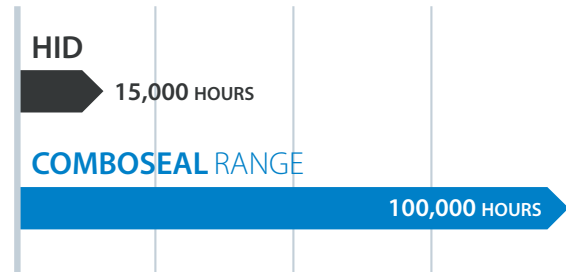
The ideal luminaire when efficiency is key



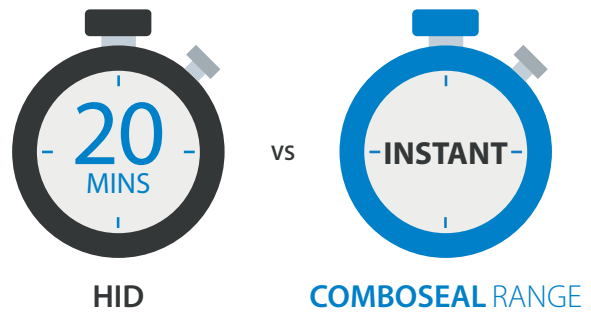
SMART  
VERSIONS  
UP TO  
**18m**

UP TO  
**44,000**  
LUMENS

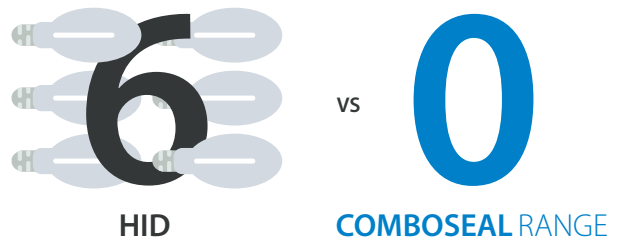
## RATED LAMP LIFE



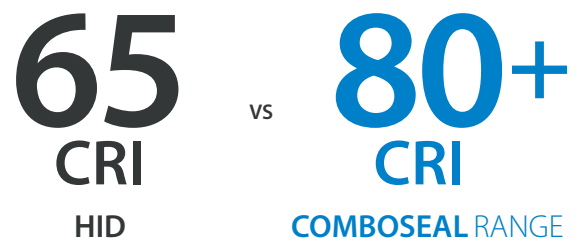
## HOT RE-STRIKE TIME



## LAMP CHANGES OVER 100,000 HOURS



## QUALITY OF LIGHT



# COMBOSEAL PLUS

Designed to perform  
in harsh environments



## PERFECTLY BALANCED

A balanced circular design allows for single point chain suspension.

## NO DUST TRAPS

Designed with smooth surfaces, the curved profile eliminates accumulation of dirt and 'ponding' of fluids.



## A LENS FOR EVERY LED

Narrow distribution versions feature a dedicated lens for each LED to focus the light, providing supremely efficient optical performance at higher mounting heights.

## CHEMICALLY RESISTANT

Full polyester powder coated aluminium body with smooth, sloped back and glass cover make Comboseal Plus ideal for use in areas where corrosive chemicals are used. For further details contact the Thorlux Technical department.

## FROM -40°C to +65°C

High specification control gear coupled with thermally optimised PCBs ensure efficient function of the luminaire in ambient temperatures from -40°C to +65°C (see page 1).